

### 6.5 Order of operations

1 Work out  $3 \times 4^2$

- A 12
- B 49
- C 144
- D 24
- E 48

2 What is  $(14 - 5)^2$ ?

- A 81
- B 171
- C 361
- D 221
- E -81

3 Work out  $(18 - 8)^2$

- A 260
- B -100
- C 388
- D 100
- E 676

4 Work out  $64 - 8^2$

- A 48
- B 0
- C 80
- D 3136
- E 128

5 What is  $72 \div 6^2$ ?

- A 24
- B 144
- C 2
- D 6
- E 9

6 Work out  $(24 \div 4)^2$

- A 6
- B 36
- C 72
- D 96
- E 288

7 Work out  $5^2 - 2^3$

- A 17
- B 8
- C 4
- D 27
- E 9

8 What is  $5^2 - 3^2$ ?

- A 9
- B 16
- C 4
- D 1
- E 34

9 Work out  $\sqrt{36} \times 2$

- A 36
- B 18
- C 12
- D 8
- E  $\sqrt{72}$

10 Work out  $4 \times \sqrt{9}$

- A 6
- B 12
- C 18
- D  $\sqrt{18}$
- E 9